

ADMIRALTY SIGNAL ESTABLISHMENT

Specification AD/CV1178/Issue 2. Dated 30.10.46. To be read in conjunction with K1001	<u>SECURITY</u>	
	<u>Specification</u> Restricted	<u>Valve</u> Unclassified

<u>TYPE OF VALVE:-</u> Power amplifying triode <u>CATHODE:-</u> Directly heated <u>ENVELOPE:-</u> Glass; clear <u>PROTOTYPE:-</u> DA30, DO30		<u>MARKING</u>	
		See K1001/4.	
<u>RATING</u>		<u>BASE</u> B4	
		See K1001/AIV/D5.1	
		Note	
Filament voltage (V)	4.0	A A	
Filament current (A)	2		
Max. Anode voltage (V)	500		
Amplification factor	3.5		
Mutual Conductance (mA/V)	3.8		
<u>CAPACITANCES (pF. approx.)</u>			
Cac	5		
Cgc	9		
Cag	10		
		<u>DIMENSIONS</u>	
		See K1001/AI/D1	
		<u>Dimension</u>	<u>Min.</u> <u>Max.</u>
		A mm	- 160
		B mm	- 66
<u>NOTE</u>		<u>PACKING</u>	
A. At Va = 500 V, Ia = 60 mA.		See K1001/7 <u>PACKAGING</u> SEE K1005	

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vf (V)	Va (V)	Ia (mA)		Min.	Max.	
a	4.0	-	-	If (A)	1.6	2.2	100% or S
b	4.0	500	60	Vg (V)	-128	-154	100%
	Vg noted at end of 3 mins.						
c	As in, and after test 'b'			Reverse I _g (μA)	-	5	100%
d	4.0	500	40	Vg change (V)	4.0	10.0	100%
	Change in Vg from value in test 'b' observed						